

25X1A

Approved For Release 2000/08/27 : CIA-RDP78-02820A000400040055-3

Approved For Release 2000/08/27 : CIA-RDP78-02820A000400040055-3

CONFIDENTIAL

SUBJECT: Report of Trip to [REDACTED]

25X1A5a1

who will be directly responsible for the preparation of the proposal covering the combining of the mechanical Two Tape To One Tape combiner and the mechanical page printer. No serious problems were foreseen and the quotations should be in our hands by 15 January 1959. We were advised that a prototype model could be completed within six months after the receipt of a firm order.

4. Other items of interest were the Model 28 ganged reperforators and transmitter distributors. These items were developed specifically for use in the newly developed apparatus cabinets. It was quite apparent that considerable thought went into the design of these cabinets as they are extremely versatile. Terminal connections and service assemblies can be made accessible from either the front or rear door at either the top or bottom of the cabinets. Roller shelves are provided for all equipment and a removable wire duct is built into the bottom of each cabinet. Photographs of this equipment and descriptive literature have been requested and should be available in the near future. Other items of interest were a Model 28 send/receive typing reperforator and a lightweight page printer which was developed for the Navy and the Signal Corps. Descriptive literature will also be obtained on these items. A system which [REDACTED] is currently exploring is a 750 to 1000 wpm tape-to-tape system with error correction. The bread-board model which we saw uses an eight level tape. When errors are detected by the receiving terminal a signal is sent back to the transmitter which causes the tape to be pulled back and retransmitted. The parity check is made at the end of each 29 inches of tape. If an error is detected, only the 29 inch section of tape involved is pulled back for retransmission. At the receiving end a second reperforator letters out the 29 inch section of tape containing the errors. More information on this system will be obtained in the future.

25X1A5a1

5. The tour of the R and D facilities concluded our visit at [REDACTED] and we departed for Washington at 6:15 p.m.

25X1A5a1

25X1A9a [REDACTED]

Distribution:

2 - Monthly Report/4 - SDS

CONFIDENTIAL